POLIMAXX

TECHNICAL DATA SHEET
REV20211102

3375SM

Polypropylene Random Copolymer/
High Glossy and Adhesion Strength Extrusion Laminate

PRODUCT DESCRIPTION

3375SM is a Polypropylene Random Copolymer resin with the characteristic of high speed coating with high glossy surface and strength with good color printing adhesion laminate.

TYPICAL APPLICATION

- Extrusion coating
- Gravure print coating
- Flexographic print coating
- Paper and woven fabric coating

PRODUCT FEATURES

- High glossy surface
- High adhesion strength
- Good color printing adhesion
- Low neck-in

COMPLIANCE

- FDA US 21 CFR 177.1520
- Commission Regulation (EU) No. 10/2011
- RoHS
- REACH
- HALAL

PHYSICAL PROPERTIES	TEST METHOD	UNIT	VALUE
Melt Flow Index (2.16 kg/230 °C)	ASTM D1238	g/10 min	35
Density	ASTM D792	g/cm^3	0.913
Tensile Strength at Yield	ASTM D638	MPa	23
Elongation at Yield	ASTM D638	%	14
Izod Notched Impact Strength (at 23 °C)	ASTM D256	J/m	45
Flexural Modulus (1% SECANT)	ASTM D790	MPa	750
Heat Distortion Temperature (0.45 MPa)	ASTM D648	°C	70

Remark: The values presented on the above are typical laboratory, not to be construed as specifications and may vary within moderate ranges. The applicability or the accuracy of this information or the suitable of our products cannot be guaranteed because the conditions of use on the part or our uses are beyond our control.

IRPC
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IRPC Public Company Limited

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PROCESSING TECHNIQUE

Screw Temperature : 230 - 270 °C
T-Die Temperature : 240 - 280 °C
Lamination Speed : 130 - 220 m/min
*However, the actual processing conditions depend on screw design, power of machine, equipment and other environments.

PRODUCT PACKAGING

- 25 kg loose bag
- 25 kg stretch wrap on palletized
- 750 kg jumbo bag

For further information, contact the IRPC's Sales representative.

STORAGE

Storage at ambient temperature preferably not higher than 38 °C (100 °F).

- Dry environment with the exclusion of contamination.
- Protection against direct sunlight, radiation and artificial light containing UV-Radiation.
- Protection from ozone-generating electrical devices.
- Under these optimal conditions, the physical properties of resins should remain stable with the exception of the yellowness index which is expected to increase over time.

More information provide in safety data sheet.

SAFETY

This product is not classified as hazardous material for more information please refer to safety data sheet.

RECYCLING

It is an undisputed fact that the product can be recycled or disposed of without any problem.

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